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**From:** Wait, Monica [Wait.Monica@epa.gov]  
**Sent:** 12/30/2019 8:29:41 PM  
**To:** Wagman, Michael [Wagman.Michael@epa.gov]; Peck, Charles [Peck.Charles@epa.gov]  
**CC:** Mroz, Ryan [Mroz.Ryan@epa.gov]; Corbin, Mark [Corbin.Mark@epa.gov]  
**Subject:** clothi DER questions  
**Attachments:** 044309\_386017\_DER-Memo\_10-03-12.pdf; 044309\_48298801\_DER-Fate\_10-03-12.pdf; R2086084.pdf

Hi Michael and Chuck,

I went through the March 2019 draft final bee risk assessment document to check on some MRIDs.

I see one study reference in there that I can't find a previous DER for, and I don't have on my list of current studies to be reviewed. Do you know the status of this DER?

- MRID 49950102 (this is cited for the clothianidin adult acute contact endpoint, although it looks like the study was initially submitted under thiamethoxam). Nengel, S. (1997) CGA322704 (Metabolite of Thiamethoxam): Assessment of Side Effects of CGA322704 to the Honey Bee, *Apis mellifera* L. in the Laboratory Following the EPPO Guideline No.170: Final Report. Project Number: 97071/01/BLEU, 972512, TK0311918. Unpublished study prepared by Arbeitsgemeinschaft, GAB Biotechnologie GmbH & IFU Umweltanalytik GmbH. 30p.

Also from page 96 of this draft, the following:

- "For clothianidin, there were several full-field registrant-submitted studies in which honey bee colonies were placed in or adjacent to fields that contained either treated corn or canola seeds (MRIDs 46907801, 46907802, 49248301, 48298802, 48298803, and 48298804), no significant differences ( $p > 0.05$ ) between the treated and control sites were reported for colony development and health."
- I found a SAN drive DER addendum for the first two MRIDs (R2086084.pdf), but I couldn't find anything for the other 4. I did final DER for 48298801, however, which isn't cited in the list above. Do we know anything further about reviews of these 4 studies?

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